

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(invertible near algorithm) and (psuedo) and (entropy near encoded near bit\$1)	USPAT	OR	OFF	2006/04/17 13:36
L2	0	((invertible near algorithm) and (psuedo) and (entropy near encoded near bit\$1)).clm.	US-PGPUB	OR	OFF	2006/04/17 13:36
S1	0	"20020114463".pn.	USPAT	OR	OFF	2005/11/02 10:20
S2	1	"20020114463".pn.	USPAT; DERWENT	OR	OFF	2005/11/02 11:19
S3	1	2002-559782.NRAN.	DERWENT	OR	OFF	2005/11/02 10:21
S4	2	"5809139".pn.	USPAT; DERWENT	OR	OFF	2005/11/02 11:37
S5	27	invertible near algorithm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 11:46
S6	4	S5 and entropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 11:37
S7	3	S6 and watermark\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/02 11:37
S8	2	"20020122565".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 10:42
S10	0	watermark\$3 and ((andy or andrew) near johns) and 382/232. ccls. and digimarc	USPAT	OR	OFF	2005/11/03 11:46
S11	5	watermark\$3 and ((andy or andrew) near johns) and 382/232. ccls.	USPAT	OR	OFF	2005/11/03 13:07

## EAST Search History

S12	5551	((transform\$3 near coefficient\$1) or dct or (discrete adj cosine adj transformation\$1)) and ((entropy near cod\$3) or vlc or rlc or rle or ((run-length) or (run adj length) near (cod\$3)) or (huffman or arithmetic) near encod\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 13:46
S13	3696	((transform\$3 near coefficient\$1) or dct or (discrete adj cosine adj transformation\$1)) same ((entropy near cod\$3) or vlc or rlc or rle or ((run-length) or (run adj length) near (cod\$3)) or (huffman or arithmetic) near encod\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 13:46
S14	49	((transform\$3 near coefficient\$1) or dct or (discrete adj cosine adj transformation\$1)) same ((entropy near cod\$3) or vlc or rlc or rle or ((run-length) or (run adj length) near (cod\$3)) or (huffman or arithmetic) near encod\$1) same (steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 13:56
S15	397	(revers\$4 or invert\$3 or (restor\$5 near3 original)) near3 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 14:28
S16	9	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 13:50

## EAST Search History

S17	382	((transform\$3 near coefficient\$1) or dct or (discrete adj cosine adj transformation\$1)) same ((entropy near cod\$3) or vlc or rlc or rle or ((run-length) or (run adj length) near (cod\$3)) or (huffman or arithmetic) near encod\$1) and (steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 16:17
S18	29	S12 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 13:57
S19	2	"4972476".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 14:28
S20	49	((transform\$3 near coefficient\$1) or dct or (discrete adj cosine adj transformation\$1)) same ((entropy near cod\$3) or vlc or rlc or rle or ((run-length) or (run adj length) near (cod\$3)) or (huffman or arithmetic) near encod\$1) same (steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 14:43
S21	2	"20020031240".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 15:31
S22	2	"5809139".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 15:32

## EAST Search History

S23	31353	(spread near spectrum) or (psuedo near random)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 15:33
S24	10	S20 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 15:33
S25	17	((transform\$3 near coefficient\$1) or dct or (discrete adj cosine adj transformation\$1)) same ((entropy near cod\$3) or vlc or rlc or rle or ((run-length) or (run adj length) near (cod\$3)) or (huffman or arithmetic) near encod\$1) and (steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3)) and ((spread near spectrum) or (psuedo near random))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 09:29
S26	0	(steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3)) same (((do or does) adj "not") or (don?t or doesn?t)) near (reduce near bandwidth\$1) and ((spread near spectrum) or (psuedo near random))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 09:34
S27	0	(steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3)) same (((do or does) adj "not") or (don?t or doesn?t)) near (reduce near bandwidth\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 09:32
S28	0	(((do or does) adj "not") or (don?t or doesn?t)) near (reduce near bandwidth\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 09:32

## EAST Search History

S29	0	((do or does) adj "not") or (don?t or doesn?t) near (reduc\$5 near bandwidth\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 09:33
S30	57	((do or does) adj "not") or (don?t or doesn?t) or prevent\$3 near3 (reduc\$5 near bandwidth\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 09:33
S31	55601	(steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 09:34
S32	1	S30 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 09:34
S33	1	(dc same ac) and ("5809139" "6310962").pn.	USPAT	OR	OFF	2005/11/04 14:51
S34	0	"20020114463".pn.	USPAT	OR	OFF	2006/04/17 12:24
S35	1	"20020114463".pn.	USPAT; DERWENT	OR	OFF	2006/04/17 12:24
S36	1	2002-559782.NRAN.	DERWENT	OR	OFF	2006/04/17 12:24
S37	2	"5809139".pn.	USPAT; DERWENT	OR	OFF	2006/04/17 12:24
S38	27	invertible near algorithm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S39	4	S38 and entropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24



## EAST Search History

S40	3	S39 and watermark\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S41	27	invertible near algorithm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S42	2	"20020122565".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S43	0	watermark\$3 and ((andy or andrew) near johns) and 382/232. ccls. and digimarc	USPAT	OR	OFF	2006/04/17 12:24
S44	5	watermark\$3 and ((andy or andrew) near johns) and 382/232. ccls.	USPAT	OR	OFF	2006/04/17 12:24
S45	6012	((transform\$3 near coefficient\$1) or dct or (discrete adj cosine adj transformation\$1)) and ((entropy near cod\$3) or vlc or rlc or rle or ((run-length) or (run adj length) near (cod\$3)) or (huffman or arithmetic) near encod\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S46	3996	((transform\$3 near coefficient\$1) or dct or (discrete adj cosine adj transformation\$1)) same ((entropy near cod\$3) or vlc or rlc or rle or ((run-length) or (run adj length) near (cod\$3)) or (huffman or arithmetic) near encod\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S47	58	((transform\$3 near coefficient\$1) or dct or (discrete adj cosine adj transformation\$1)) same ((entropy near cod\$3) or vlc or rlc or rle or ((run-length) or (run adj length) near (cod\$3)) or (huffman or arithmetic) near encod\$1) same (steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24

## EAST Search History

S48	442	(revers\$4 or invert\$3 or (restor\$5 near3 original)) near3 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S49	9	S47 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S50	408	((transform\$3 near coefficient\$1) or dct or (discrete adj cosine adj transformation\$1)) same ((entropy near cod\$3) or vlc or rlc or rle or ((run-length) or (run adj length) near (cod\$3)) or (huffman or arithmetic) near encod\$1) and (steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S51	33	S45 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S52	2	"4972476".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24

## EAST Search History

S53	58	((transform\$3 near coefficient\$1) or dct or (discrete adj cosine adj transformation\$1)) same ((entropy near cod\$3) or vlc or rlc or rle or ((run-length) or (run adj length) near (cod\$3)) or (huffman or arithmetic) near encod\$1) same (steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S54	2	"20020031240".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S55	2	"5809139".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S56	33358	(spread near spectrum) or (psuedo near random)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S57	11	S53 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24



## EAST Search History

S58	20	((transform\$3 near coefficient\$1) or dct or (discrete adj cosine adj transformation\$1)) same ((entropy near cod\$3) or vlc or rlc or rle or ((run-length) or (run adj length) near (cod\$3)) or (huffman or arithmetic) near encod\$1) and (steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3)) and ((spread near spectrum) or (psuedo near random))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S59	0	(steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3)) same (((do or does) adj "not") or (don?t or doesn?t)) near (reduce near bandwidth\$1) and ((spread near spectrum) or (psuedo near random))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S60	0	(steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3)) same (((do or does) adj "not") or (don?t or doesn?t)) near (reduce near bandwidth\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S61	0	(((do or does) adj "not") or (don?t or doesn?t)) near (reduce near bandwidth\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S62	0	(((do or does) adj "not") or (don?t or doesn?t)) near (reduc\$5 near bandwidth\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S63	59	(((do or does) adj "not") or (don?t or doesn?t) or prevent\$3) near3 (reduc\$5 near bandwidth\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24

## EAST Search History

S64	60901	(steganograph\$4 or ((digital\$4 or electronic\$4) near4 fingerprint\$4) or ((data or information) near4 (hid\$5 or embed\$5)) or watermark\$4 or (water adj mark\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S65	1	S63 and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/17 12:24
S66	1	(dc same ac) and ("5809139" "6310962").pn.	USPAT	OR	OFF	2006/04/17 12:24